

AD-A204 565

DELETE NEW REPLACE CORRECTION

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET				
1. ACCESSION NO. DOD/SW/DK-89/006		2. CONTRIBUTING AGENCY REPORT NO. 3. SUBJECT		
4. PRODUCT (circle one)				
DATA FILE		PUBLICATION		
DATA BASE REFERENCE SERVICE		SOFTWARE	MODEL, SIMULATION	
5. AGENCY, BUREAU, DIVISION, AND ADDRESS Department of Army The Hydrologic Engineering Center, Corps of Engineers 609 Second Street Davis, California 95616				
6. PRODUCT NAME (Use agency nomenclature) MLRP, Multiple Linear Regression Program (for Microcomputers)				
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software, Statistical Hydrology Linear Regression Statistical Methods Computer Program Diskette				
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.)		9. FILE SIZE IN NO. OF: REELS 1 PUNCHED Diskettes CARDS		
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)				
11. PRICE INFORMATION Price Code: D01 \$50.00 Price includes documentation				
12. GEOGRAPHIC SCOPE No restrictions				
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)				
NAME		TITLE		
Harold Kubik		Research Hydraulic Engineer		
Jerry Willey		Hydraulic Engineer		
14. DOCUMENTATION		EXPECTED AVAILABILITY DATE		
<input checked="" type="checkbox"/> AVAILABLE AS:		NA		

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET

15. COMPUTER PRODUCT ABSTRACT

The Multiple Linear Regression program follows the procedures of "Statistical Methods in Hydrology" (Beard, 1962). Major features of the program are automatic deletion of independent variables (according to importance), combination of variables to form new variables, transformation of variables, tabulation of the residuals from the prediction equation and acceptance of input coefficients... Software Description: The software is written in the Fortran programming language for implementation on IBM-PC and compatible machines using MS/PC DOS 2.1+ operating system. Special features/requirements: Math coprocessor (8087/80287/80387).

Memory requirement is 512 K.

16. DATA FILE TECHNICAL DESCRIPTION

The software is contained on 5½-inch diskette(s), double density (360K), compatible with the IBM/PC microcomputer. The diskettes are in the ASCII format.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in:

Fortran COBOL Basic Assembly Other (Specify) _____

Software requires:

IBM PC
CPR Mfr. _____ Model(s) _____ Operating system(s) MS/PC DOS 2.1+

Minimum of 512 K bytes core. The following special features and/or additional requirements in hardware:
One 5 1/4 inch floppy disk drive.

Math coprocessor (8087/80287/80387)

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO.,
AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE
FORM PREPARED

COMPUTER DISKETTE FILE PROPERTIES

01. Completion Date <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 33%;">Year</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Year	Month	Day				02. Long Title Multiple Linear Regression Program (MLRP) (for microcomputers)	03. Short Title MLRP	
Year	Month	Day							
04. Copying Date <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="width: 33%;">Year</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Year	Month	Day				05. Subscription <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	06. <input checked="" type="checkbox"/> New File <input type="checkbox"/> Replacement	07. Number of Diskettes 1
Year	Month	Day							
08. Submitting Organization and Address Department of Army Hydrologic Engineering Center Corps of Engineers 609 Second St. Davis, CA 95616		09. Technical Contact (s) and Phone Harold Kubik (916) 551-1748							
10. Host Computer/Model IBM PC		11. Memory Requirement 512 K	12. Language/Format Fortran						
13. Diskette Size 3 1/2 5 1/4 Other <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <hr style="width: 100px; margin-left: 0;"/>	14. Diskette Capacity <input checked="" type="checkbox"/> 360K <input type="checkbox"/> 720K <input type="checkbox"/> 800K <input type="checkbox"/> 1.2M <input type="checkbox"/> 1.44M <input type="checkbox"/> Other		15. Operating System/Version MS DOS 2.1+						
16. Number of Files	17. Number of Records		18. Record Length						
19. Documentation <input type="checkbox"/> on Diskette (File # _____) <input checked="" type="checkbox"/> Paper Copy									
20. Supplemental Information Math coprocessor (8087/80287/80387) is required.									
21. For Submitting Organization Use									

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date			02. Form Prepared By (Name and Phone)			03. Reel ID Number (Property Control No.)		
Year	Month	Day	Vernon R. Bonner					
04. Recording Date			05. File Identifier or Descriptive Title			06. Short Title (External Label Name)		
Year	Month	Day	MLRP, Multiple Linear Regression Program			MLRP		
07. Source Unavailable			08. Documentation			09. File Position on Reel		
Year	Month	Day	Yes	No	Available (Enter Citation)	_____ of _____		
10. To Be Returned			11. Submitting Organization & Address			12. Receiving Organization & Address		
Yes	No	To Other	Department of Army The Hydrologic Engineering Center Corps of Engineers 609 Second Street Davis, California 95616			United States Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, Virginia 22161		
X Than The Sender								
13. Due Back Date								
Year	Month	Day						

14. Technical Contact(s) & Phone Number(s)

Harold Kubik, Jerry Willey (916) 551-1748

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit IBM PC or compatibles			17. No. of Tracks		18. Parity		19. Density (BPI)
	7	9	Other	Odd	Even			
RECORDING SOFTWARE	16. Tape Subsystem							
	20. Operating System, Release & Version MS DOS 2.1 or greater			22. Internal File Identifier				
21. Utility Program or Data Base Language								
23. Characters Set (Graphics)	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> BCD	<input type="checkbox"/> Other (Specify)	24. Recorded Label (Internal Label)	<input type="checkbox"/> Header	<input type="checkbox"/> ANSI X 3.27 Standard	<input type="checkbox"/> Other	
	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> FIELDATA	<input type="checkbox"/> Non-Print Codes		<input type="checkbox"/> Trailer	<input type="checkbox"/> FIPS Standard	<input checked="" type="checkbox"/> None	

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical		27. Record Type		28. Records/Block (Blocking Factor)		29. TYPE OF FILE ORGANIZ- ATION (Check One Box)	<input type="checkbox"/> One File <input type="checkbox"/> One Reel <input type="checkbox"/> One File <input type="checkbox"/> Multiple Reels <input checked="" type="checkbox"/> Multiple Files <input checked="" type="checkbox"/> One Diskette <input type="checkbox"/> Multiple Files <input type="checkbox"/> Multiple Diskettes
	26. Logical		<input checked="" type="checkbox"/> Fixed Length	<input type="checkbox"/> Other Than Fixed	1			
RECORD LENGTH	30. Physical 80 Bytes		<input type="checkbox"/> Chars.	<input type="checkbox"/> Words (Bits/Word)			
	31. Logical	<input type="checkbox"/> Bytes	<input type="checkbox"/> Chars.	<input type="checkbox"/> Words (Bits/Word)			

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)	
Yes	No
<input checked="" type="checkbox"/>	
33. For Submitting Organization Use	
MLRP is provided on one 5 1/4 inch double-sided 360 KB floppy diskette.	